**MICRO BLADE & BEAM SOCKET & HEADER**

(0.40 mm) .0158" PITCH • A-SS4/A-ST4 SERIES

<table>
<thead>
<tr>
<th>A-SS4</th>
<th>POSITIONS PER ROW</th>
<th>LEAD STYLE</th>
<th>PLATING OPTION</th>
<th>D</th>
<th>K</th>
<th>TR</th>
</tr>
</thead>
<tbody>
<tr>
<td>–10, –20, –30, –40, –50</td>
<td>–3.00 = 3.00 mm</td>
<td>–L = 10 µ&quot; (0.25 µm) Gold on contact, Matte Tin on tail</td>
<td>(Required in callout)</td>
<td>(Required in callout)</td>
<td>–K = (3.50 mm) .138&quot; DIA Polyimide Film Pick &amp; Place Pad</td>
<td>–TR = Tape &amp; Reel</td>
</tr>
</tbody>
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<th>A-ST4</th>
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<th>TR</th>
</tr>
</thead>
<tbody>
<tr>
<td>–10, –20, –30, –40, –50</td>
<td>–1.00 = 1.00 mm</td>
<td>–L = 10 µ&quot; (0.25 µm) Gold on contact, Matte Tin on tail</td>
<td>(Required in callout)</td>
<td>(Required in callout)</td>
<td>–P = Pick &amp; Place Pad</td>
<td>–TR = Tape &amp; Reel</td>
</tr>
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**SPECIFICATIONS**

- **Insulator Material:** Black LCP
- **Contact Material:** Phosphor Bronze
- **Plating:** Au or Sn over 50 µ" (1.27 µm) Ni
- **Operating Temp Range:** -55 °C to +125 °C
- **Current Rating:** 1.6 A per pin (2 pins powered)

**PROCESSING**

- **Lead-Free Solderable:** Yes
- **SMT Lead Coplanarity:** (0.10 mm) .004" max

**MATED HEIGHT**

<table>
<thead>
<tr>
<th>A-ST4 LEAD STYLE</th>
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<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>–3.00</td>
<td>–3.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>–1.00 (4.00 mm) .157&quot;</td>
<td>(4.50 mm) .177&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>–1.50 (4.50 mm) .177&quot;</td>
<td>(5.00 mm) .197&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>–2.50 (5.50 mm) .217&quot;</td>
<td>(6.00 mm) .236&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Processing conditions will affect mated height.*

**Note:**
Some lengths, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

Samtec shall only comply with IATF-16949 on products it certifies as Automotive Custom Design “ACD” or on those designated with “A-” Samtec part # prefix. “A-” products are designed to Samtec’s specifications not customers’ specifications. Contact autosalesgroup@samtec.com with questions.

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